

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
20 January 2005 (20.01.2005)

PCT

(10) International Publication Number  
**WO 2005/004606 A2**

(51) International Patent Classification<sup>7</sup>: **A01N 43/08**,  
43/10, 43/40, 43/54, 43/56, 43/58, 43/60, 43/76, 43/78,  
C07D 213/61, 401/12, 417/12, 405/12, 411/12, 409/12

Claude Monet, F-69110 Ste Foy les LYON (FR). **DES-  
BORDES, Philippe** [FR/FR]; 30, Rue Bancel, F-69004  
Lyon (FR).

(21) International Application Number:  
PCT/EP2004/007323

(74) Common Representative: **BAYER CROPSCIENCE  
AG**; Law and Patents, Patents and Licensing, 51368  
Leverkusen (DE).

(22) International Filing Date: 5 July 2004 (05.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
03015733.3 10 July 2003 (10.07.2003) EP

(71) Applicant (for all designated States except US): **BAYER  
CROPSCIENCE AG** [DE/DE]; Alfred-Nobel-Str. 50,  
40789 Monheim (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DUNKEL, Ralf**  
[DE/DE]; Krischer Str. 22, 40789 Monheim (DE).  
**ELBE, Hans-Ludwig** [DE/DE]; Dasnöckel 59, 42329  
Wuppertal (DE). **HARTMANN, Benoit** [FR/DE]; Fär-  
berstr. 1, 40764 Langenfeld (DE). **GREUL, Jörg, Nico**  
[DE/DE]; Am Sandberg 30 a, 42799 Leichlingen (DE).  
**WACHENDORFF-NEUMANN, Ulrike** [DE/DE];  
Oberer Markenweg 85, 56566 Neuwied (DE). **DAHMEN,**  
**Peter** [DE/DE]; Altebrückerstr. 61, 41470 Neuss (DE).  
**KUCK, Karl-Heinz** [DE/DE]; Pastor-Löh-Str. 30a,  
40764 Langenfeld (DE). **MANSFIELD, Darren, James**  
[GB/FR]; 25, Montee Bonafous, F-69004 Lyon (FR).  
**COQUERON, Pierre-Yves** [FR/FR]; 36, Rue de la Tete  
d'Or, F-69007 Lyon (FR). **RIECK, Heiko** [DE/FR]; 9 rue

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

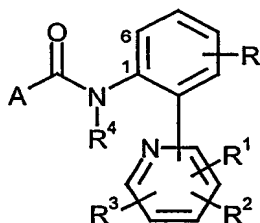
(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

**Published:**

— without international search report and to be republished  
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: PYRIDINYLANILIDES



(I)

(57) Abstract: Novel pyridinylanilides of the formula (I) in which R, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>  
and A are as defined in the description, a plurality of processes for preparing these  
substances and their use for controlling unwanted microorganisms, and also novel  
intermediates and their preparation.